

AlphaLISA® SureFire® Ultra™

# Human and Mouse STAT3 Total Detection Kit

**Product number:** ALSU-TST3-A500, ALSU-TST3-A10K,  
 ALSU-TST3-A50K, ALSU-TST3-A-HV



### Kit specificity:

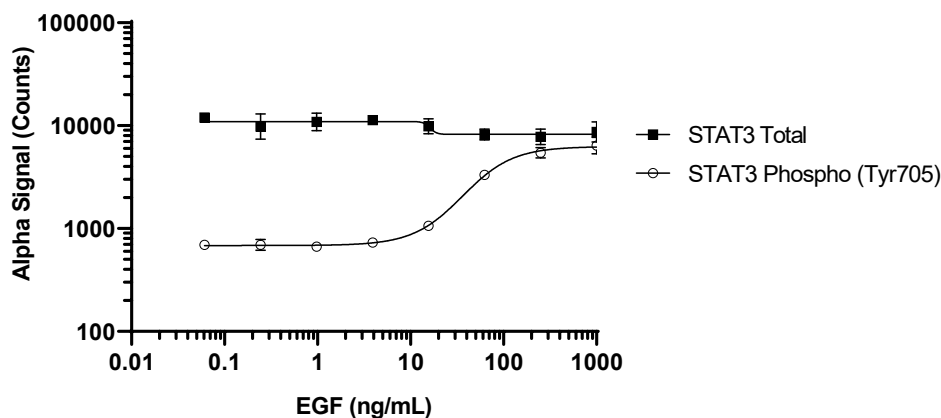
This assay kit contains antibodies which recognize distinct epitopes on signal transducer and activator of transcription 3 (STAT3). The protein detected by this kit corresponds to UniProt ID P40763. STAT3 is also known as Acute-phase response factor. These antibodies recognize STAT3 of human and mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

Positive Control Lysate: Prepared from A431 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 2 µg/mL rh EGF for 10 minutes and lysed with 5 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. A431 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were serum starved for 2 hours, then treated with rh EGF at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr705) and Total STAT3 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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